

**STUDY GUIDE FOR THE SOUTHERN
UNIVERSITY AG CENTER
YOUTH EXPO QUIZ BOWL**

JUNE 20, 2009

NOTE: This is a *study guide only*. Questions will be modified, and some questions will be eliminated while new current events questions will be added. For example, this guide contains last year's sports questions. Sports questions will be changed to include the most recent seasons. This guide contains questions for the youth and senior high divisions. Youth questions are for teams up to the eighth grade level. Senior questions are for teams of ninth to twelfth graders.

Expo Youth 1

1. Norbert Rillieux invented a machine to refine what product? Sugar
2. Autism affects what part of the body? Brain
3. Albert Einstein is famous for what formula concerning relativity? $e=mc^2$
4. What does the 'e' or 'm' stand for in Einstein's formula? Energy, mass
5. Name one African American who fought in the American Revolution. Peter Salem, Salem Poor, Chrispus Attucks
- *6. Who was the most valuable player in this year's NBA final series and for what team did he play? Paul Pierce, Boston Celtics
7. Green leafy vegetables are a good source for what vitamin? A or C
8. For what type of music was Mahalia Jackson noted? Gospel
- *9. What two planets are closest to Earth? Venus, Mars
10. What country in Africa is the birthplace of Barack Obama's father? Kenya
11. The New Orleans airport is named after what famous jazz trumpet player and singer? Louis Armstrong
12. How many legs do bugs and beetles have? 6

Expo Youth 2

1. What planet is furthest from the sun? Neptune (or Pluto although it is no longer considered a planet)
2. What is Barack Obama's wife's first name? Michelle
- *3 Water is made up of what two chemical elements? Hydrogen, oxygen
4. Who is the current governor of Louisiana? Bobby Jindal
5. Ten percent of one hundred is how much? 10
6. Express 50 percent as a fraction? $\frac{1}{2}$
7. What section of New Orleans was heavily populated by African Americans before being heavily damaged by Hurricane Katrina? 9th Ward
8. What team won this year's Super Bowl? New York Giants
9. Orange juice is highest in what vitamin? Vitamin C
10. For what invention was Sarah Boone noted? Ironing board
11. What is the state bird of Louisiana? Pelican
12. Who became South Africa's president in 1994? Nelson Mandela

Expo Youth 3

- *1. One is the mayor of Baton Rouge and the other is the mayor of New Orleans. Name these two African-American mayors. Melvin Kip Holden, Ray Nagin
2. What vitamin is obtained from sunlight? Vitamin D
3. How many millions of miles is the Earth from the sun? 93 million
4. Which African country has the largest population? Nigeria
5. Why was Harriet Tubman called the "Moses of her people"? Because she helped many slaves escape to freedom
6. Which fruit is considered America's favorite fruit? Bananas

7. Which Constitutional amendment outlawed slavery? 13th Amendment
8. What is Barack Obama's current elected political office? President of the United States
- *9. What is the boiling point of water in degrees centigrade and Fahrenheit? 100, 212
10. Who is the most famous living African-American film director? Spike Lee
11. What imaginary line circles the Earth at zero degrees latitude? Equator
12. This vegetable is closely related to southern peas (sometimes called crowders or cowpeas). It is also the name of a famous hip-hop group. Name this vegetable. Black eyed peas.

Expo Youth 4

- *1. Who was the first African-American woman to serve in U.S. Congress and what was the highest office that she sought? Shirley Chisholm, President
- *2. How many pints are in a quart and how many pints are in a gallon? 2, 8
3. What is the holy book of the Muslim religion? Koran
4. What is the most popular vegetable in the home garden? tomato
5. What continent has the largest population? Asia
- *6. Name the two countries in Asia with the largest populations. India, China
7. What metal is used in wiring because it conducts electricity well? copper
8. Who was the first African American to play major league baseball? Jackie Robinson
- *9. Who are Oracene and Richard Williams' famous two daughters? Serena, Venus
10. What is the longest river in Africa? Nile River
11. Who invented the gas mask and traffic light? Garrett Morgan
12. Who was president during the Civil War? Abraham Lincoln

Expo Youth 5

1. In what year did Southern University first open its door to students? 1881
2. What was the profession of Langston Hughes? Writer or poet
3. Langston Hughes was a prominent writer during the 1920s and early 1930s. This period of outstanding cultural achievements was known by what name? Harlem Renaissance
4. According to Langston Hughes, "Life for me ain't been no _____." Crystal stair
5. Name two materials that you could put in a compost pile. Grass clippings, manure, garden waste
6. How many zeros are in one billion? 9 zeros
7. Who was the last Secretary of State? Condoleeza Rice
8. What African American was secretary of state before Rice? Colin Powell
9. What African-American woman amassed a fortune by selling hair products? Madame C.J. Walker
10. Name the most recent African-American Congressman from Louisiana. William Jefferson
11. Who is the coach of the New Orleans Hornets? Byron Scott
12. She received a Grammy in 2008 for her performance of "No One". Name her. Alicia Keys

Expo Youth 6

1. Of what significance is the date May 19, 1925? Birth date of Malcolm X
2. Of what significance is January 15, 1929? Birth date of Martin Luther King Jr.
3. Table salt contains what two elements? Sodium and Chloride
4. People who have what disease should avoid excessive use of salt? hypertension
5. Sixty-three percent of Louisiana adults and 17 percent of Louisiana children suffer from this condition that could lead to serious diseases. Name the condition. Overweight or obesity
6. What celestial body is located about 238,700 miles from the Earth? Moon
- *7. Name the second and third Presidents of the United States. John Adams and Thomas Jefferson
8. Who was the Republican candidate for the 2008 Presidential election? John McCain
9. In what month will the next Presidential election be held? November
10. What white abolitionist led a slave attack on a federal arsenal in Harper's Ferry? John Brown
11. At the time of John Brown's attack, Harper's Ferry was in one Southern state. Today it is located in another state. Name either state. Virginia or West Virginia
12. How do anti-oxidants help to maintain good health? They remove toxins from the body

Expo Youth 7

1. Name the highest mountain in the world. Mt. Everest
2. In what year did President Lincoln issue the Emancipation Proclamation, declaring slavery ended in the Confederate states? 1863
3. What African-American holiday is celebrated in June? Juneteenth
4. What is the basis of the Juneteenth celebration? It was not until June 19, 1865, that African Americans in Texas were told that slavery had ended.
5. In 1960, four students from North Carolina A & T University started what type of demonstration at a Woolworth lunch counter in Greensboro, NC? Sit-ins
6. She started out with just \$1.50 and this African-American woman eventually founded a college in the Deep South. Name her. Mary McLeod Bethune
- *7. Name the college founded by Ms. Bethune and the state in which it is found? Bethune Cookman College in Florida
8. What lady sparked the Montgomery Bus Boycott? Rosa Parks
9. Most photosynthesis takes place in what part of the cell? Chloroplasts
10. What is the square root of 16? 4
11. LeBron James plays for what NBA team? Cleveland Cavaliers
12. Cleveland is located in what state? Ohio

Expo Youth 8

1. Bobby Seale and Huey Newton led what militant African-American organization? Black Panther Party

2. Oprah Winfrey is supporting a girl's school in what foreign country? South Africa
3. Give the full name of Dr. Martin Luther King's wife. Coretta Scott King
4. Sally Hennings, a slave, reportedly had a child that was fathered by what famous American? Thomas Jefferson
5. For what types of deeds are philanthropists noted? Charitable contributions
6. This African American served as acting governor of Louisiana, and was also instrumental in the founding of Southern University. Name him. P.B.S. Pinchback
7. Name the cell structures where food is converted into energy. Mitochondria
8. Spell mitochondria.
- *9. Finish the lyrics and name the song:
 - To the left, to the left, to the left, to the left
 - To the right, to the right, to the right, to the right
 - Now kick, now kick, now kick, now kick
 - Now _____ (walk it by yourself, Cupid Shuffle)
10. How many U. S. Senators are there in all? 100
11. By what other name are the first ten amendments to the U.S. Constitution known? Bill of Rights
- *12. Give two rights that are supposed to be protected by the Bill of Rights. Freedom of religion, assembly, speech, press, right to bear arms, etc.

Expo Youth 9

1. What is the capital of Iraq? Baghdad
2. Name either of the two major buildings in New Orleans that housed Hurricane Katrina evacuees without having proper facilities nor food or water? Superdome, Morial Convention Center
3. This founder of Microsoft has contributed millions to worthy charities. Bill Gates
4. What type of protest did the Reverend T.J. Jemison lead in Baton Rouge in 1953? Bus boycott
5. During what month does the first day of Kwanzaa begin? December
6. In what year did the U.S. Constitution take effect? 1789
- *7. Name any two of the four major tennis events that have been won in previous years by the Williams sisters. U.S. Open, Wimbledon, French Open, Australian Open
8. When did the SU Baton Rouge campus first open its doors? 1914
9. Dr. Martin Luther King, Jr. was a follower of what Indian spiritual and political leader? Mahatma Gandhi
10. Gandhi helped lead the people of India toward independence from what European country that controlled them? Great Britain or England
11. The three elements found in the soil and needed in the greatest amounts by plants are phosphorus, potassium and what other element? Nitrogen
12. Booker T. Washington was the founder of what university? Tuskegee

Expo Youth 10

1. How many days are celebrated during Kwanzaa? 7

- *2. Name any two of the seven principles of Kwanzaa. Unity, Self Determination, Collective Work and Responsibility, Family hood (or Cooperative Economics), Purpose, Creativity, Faith
3. What horrendous event occurred in on September 11, 2001? Attack on Twin Towers or Pentagon, hijacking and crashing of plane into these buildings
4. What was the first country that the U.S. attacked after the attack on the Twin Towers? Afghanistan
5. What international organization was established to maintain world peace and is located in New York? United Nations
6. Before turning pro, Steve McNair played for what SWAC team located in Mississippi? Alcorn State University
7. Who is the chancellor of the Southern University Ag Center? Leodrey Williams
8. The washboard and accordion are instruments used in what type of music? Zydeco
9. Who was the first African-American female poet to win a Pulitzer prize? Gwendolyn Brooks
10. What New Orleans Hornet was runner up for this year's MVP award during the regular season? Chris Paul
11. For the last several years, Avery Johnson, an SU graduate, was head coach for what NBA team? San Antonio Spurs
12. Miles Davis and Wynton Marsalis both excelled on what instrument? trumpet

Senior Expo 1

1. In what state was Barack Obama's mother born? Kansas
2. Who was LSU's star center on this year's ladies basketball team? Sylvia Fowles
3. At 68 degrees F, sound travels approximately how many feet per sec? 1129 ft/second
- *4. Name the two current U.S. Senators from Louisiana Mary Landrieu, David Vitter
5. Give the full scientific name for DNA. Deoxyribonucleic acid
6. The collapse of the United States Stock Market in 1929 contributed to what world wide economic catastrophe? The Great Depression
7. Who was the only woman to serve as president of the Southern University System? Dolores Spikes
8. What is the capital of France? Paris
9. What type of microorganism causes AIDS? Virus
10. The full name of AIDS is Acquired _____ _____. Immune Deficiency Syndrome
- 11 Name the president that preceded William Bill Clinton. George H.W. Bush
12. How many thousands of American soldiers have died in Iraq? 4 thousand
13. Name the small college in Texas that produced the outstanding debating team featured in the film "The Great Debaters". Wiley College
14. One of the young stars in the Great Debaters had the same name as the two adult stars of the movie. Name this young star. Denzel Whittaker
- *15 Name one raw material and one end product of photosynthesis carbon dioxide; water, oxygen, carbohydrates (or sugar)
16. In the last few weeks, airlines have begin charging for what service that previously had been free? Checking bags
17. Three prisoners in a Louisiana prison served three decades in solitary confinement. One of them was exonerated. Name the prison where these prisoners were held. Angola
18. An international human rights organization has cited Angola for cruel and unusual punishment. The first letter of this organization's name is the letter "A". Name the organization. Amnesty International
19. Which country in South America has the largest percentage of people of African descent of any country in the western hemisphere? Brazil
- *20 Name two of the top three cities with the largest population in the U.S. New York, Los Angeles, Chicago
21. The angles of all triangles equal a total of how many degrees? 180
22. If one side of a square is 5 inches what is the area of that square? 25 square inches
- *23. Name two of the three segments of an insect's body. Head, thorax, abdomen
24. Raisins come from what fruit? Grapes
25. This mid western state received extensive flood damage during the past few weeks. It was also the first state to hold this year's presidential primary which Barack Obama won. Iowa

Senior Expo 2

1. In what state was Barack Obama born? Hawaii
2. What is the capital of Hawaii? Honolulu
3. Name the only African-American quarterback to win a Super Bowl game. Doug Williams
4. How many African Americans serve on the U.S. Supreme Court? One
5. Name the African-American Supreme Court Justice. Clarence Thomas
6. The Supreme Court recently ruled that prisoners being held at what military prison have certain constitutional rights? Guantanamo Bay
7. On what island is Guantanamo Bay located? Cuba
8. What former Cuban leader recently resigned due to health reasons? Fidel Castro
9. Because of the high cost of copper some companies have switched to a lighter weight metal for electrical wiring. Name this light weight metal that is also used for cans. Aluminum
10. In what year was the NAACP founded? 1909
11. What does NAACP stand for? National Association for the Advancement of Colored People
12. Although none of these were found in Iraq, President Bush order the invasion of Iraq because of the supposed presence of “weapons of _____ _____”. mass destruction
13. Who is the current president of the Southern University System? Ralph Slaughter
14. This noted television journalist died on Friday, June 13, 2008. Tim Russert
15. Three of the ten most populous cities in the U.S. are located in Texas. Name two of them. Houston, Dallas, San Antonio
16. In an equilateral triangle, all angles are the same size. How many degrees does each triangle in an equilateral triangle contain? 60 degrees
17. Toussaint L’Overture led a successful slave revolt in this Caribbean island country that today is the most impoverished country in the Western hemisphere. Haiti
18. Observe the plants in this room. What substance makes them green? Chlorophyll
19. What is the longest river in South America? Amazon River
20. Give the exact number of members that are in the U.S. House of Representatives or more than how many hundreds of members are there in the House of Representatives? 435 or 400
- *21. In what year did the Civil War begin and end? 1861, 1865
22. Barry Gordy was the founder of what music company based in Detroit? MoTown
23. Name the first two African-American heavyweight boxing champions. Joe Louis and Jack Johnson
24. What is the short name for the Federal Emergency Management Agency? FEMA
25. FEMA is now under what U.S. Department? Department of Homeland Security

Senior Expo 3

1. What is the name of the governing body of Southern University? Board of Supervisors
2. Translate the words baton rouge from French to English. Red Stick
3. How did the city of Baton Rouge get its name? From French explorers who noted red sticks separating boundaries of different Native American tribes
4. In 1989, this wall was dismantled. It separated parts of Germany after World War II. Name the wall. Berlin Wall
5. Name the controversial minister of Barack Obama's former church. Jeremiah Wright
6. Who founded the Mississippi Freedom Democratic Party? Fannie Lou Hamer
7. Why did Fannie Lou Hamer feel that it was necessary to start the Mississippi Freedom Democratic Party? Because Southern Democratic parties refused to accept African Americans
8. What was Fannie Lou Hamer's most famous quote? "I am sick and tired of being sick and tired".
- 9.. Name the two groups of Muslims in Iraq who are often associated with violence against each other. Sunnis, Shiites
10. This former vice president under Bill Clinton recently endorsed Barack Obama. Al Gore
11. What recent action did the Louisiana legislator take concerning themselves that angered many citizens. They gave themselves a huge pay raise
12. What is the current minimum wage for most workers? \$5.85
13. Name either of the two Republican presidential candidates that were defeated by John McCain. Mitch Romney Mike Huckabee
14. Name two Democratic candidates who were eventually defeated by President Obama. Hillary Clinton, John Edwards, Bill Richardson, Dennis Kucinich
15. This African-American Congresswoman was the only member of Congress voting against the authorization of President Bush to invade Iraq. Barbara Lee
16. Name two of the famous leaders of armed slave revolts in the U.S. Nat Turner, Denmark Vesey, Gabriel Prosser
17. The number 3.14 is of what significant mathematical value or importance? Pi
18. Explain the formula $A=\pi r^2$ Area of a circle = pi times radius squared
19. What is the relationship between the radius and diameter of a circle? The radius is one half of the diameter.
20. Who is the father of African-American History? Carter G. Woodson
21. What is the title of Carter G. Woodson's most famous book? Miseducation of the Negro
22. What African country produced ten consecutive winners of the Boston Marathon? Kenya
23. A marathon race is slightly more than how many miles? 26
24. His films include Training Day, Hurricane, Antwone Fisher and Malcolm X. Name this gifted actor. Denzel Washington
25. What two states lost some of their delegates to the Democratic Party Convention because they held primary elections earlier than the Democratic Party had approved? Florida, Michigan

Senior Expo 4

1. What was the last state to submit election results in the presidential election of 2000?
Florida
2. He won a Grammy in 2008 for best rap album for his recording of “Graduation”.
Kanye West
3. What famous quote did Kanye West make in September, 2005 concerning President Bush? “Bush don’t like Black People”
- *4. Name and spell the system of racial segregation that was found in South Africa.
Apartheid
5. What was the occupation of Vivien Thomas and who portrayed him in the movie “Something the Lord Made”? Medical technician, Mos Def
6. Sing the first two lines of the Black National Anthem. Lift every voice and sing til earth and heaven ring
7. Who wrote the words to “Lift Every Voice and Sing”? James Weldon Johnson
8. What travels 299,792 km/s or 186,000 miles/sec? light
9. 2.54 cm equals what? One inch
10. What is the state tree of Louisiana? Bald Cypress
11. Barack and Michelle Obama both graduated from the law school or what prestigious university? Harvard
12. He wrote *Souls of Black Folks* and *Black Reconstruction*. He was the first African American to receive a PhD from Harvard University. W.E.B DuBois
- *13. Name the two famous explorers that explored the Louisiana Purchase territory.
(Merriwether) Louis and (William) Clark
14. Name the slave who accompanied Louis and Clark. York
15. This word means the art, science and business of cultivating the soil and producing crops and livestock. agriculture

Senior Expo 5

1. This former vice president under Bill Clinton recently endorsed Barack Obama? Al Gore
2. Al Gore’s movie “An Inconvenient Truth” deals with what topic? Global warming
3. The increase of what compound from industrial and automotive sources has led to global warming? Carbon dioxide
4. How has the increase of carbon dioxide in the atmosphere led to an increase in global temperatures? Trapping heat from the sun; (greenhouse effect)
- 5 Name the actor, singer, athlete and civil rights leader who was persecuted by the U.S. government because of his actions and beliefs. Paul Robeson
6. What was the title of Paul Robeson’s powerful autobiography? *Here I Stand*.
7. Name Alice Walker’s most famous book that was made into a movie and a Broadway play. *The Color Purple*
8. This former Boston Celtic great offered to give Kevin Garnett one of his NBA championship rings if Garnett didn’t earn one himself. Bill Russell
9. Name the largest planet in the solar system. Jupiter

10. Tyler James Williams is the young actor who portrays the early life of what famous comedian? Chris Rock
11. If you have a reading of 160/95 what disease would you have? Hypertension
12. The Moors were northern Africans who conquered and influenced the culture of what European country that borders France? Spain
13. The sum of emissions of greenhouse gasses induced by your activities is called your _____ footprint? Carbon
14. He endorsed Barack Obama. This U.S. Senator has recently been diagnosed with brain cancer. Ted Kennedy
15. She also endorsed Barack Obama and is the niece of Ted Kennedy. Name her and her father. Caroline Kennedy, John Kennedy

Senior Expo 6

1. Name the only city in the United States that does not have a voting member of the U.S. Congress. Washington, D.C.
2. These tropical forests are located in South America, Africa and Asia. Their abuse by excessive lumbering and bad agricultural practices affect the world's climate. What general name related to climate is given to these tropical forests? Rainforests
3. Give the abbreviated name of adenosine triphosphate. ATP
4. What is the major cellular function of ATP or what does it supply? Energy
5. Who did Muhammad Ali defeat in the Rumble in the Jungle? George Foreman
6. In what African country did the Rumble in the Jungle occur? Zaire
7. What is the importance of the Brown vs. the Topeka Board of Education case? Outlawed segregation in public schools
8. Name the lawyer who was involved in the Brown vs. Topeka Board of Education case who eventually became the first African-American Supreme Court Justice. Thurgood Marshall
- *9. Who is the current homerun king and who did he surpass to get this title? Barry Bonds, Hank Aaron
10. What controversy is involved with the Barry Bonds record? Possible use of steroids
11. Carol Mosely Braun was the first African-American woman to do what? Become a U.S. Senator.
12. Give the chemical formula for hydrochloric acid. HCl
- *13. Name the first two African Americans to coach in a Super Bowl. Tony Dungee, Lovie Smith
14. This self-defense organization started in Jonesboro, LA, to protect the lives of civil rights workers and citizens who demonstrated against segregation. Name the group. Deacons for Defense
15. The U.S. is the only country to have dropped a nuclear bomb on another country. Name the country that the U.S. bombed. Japan